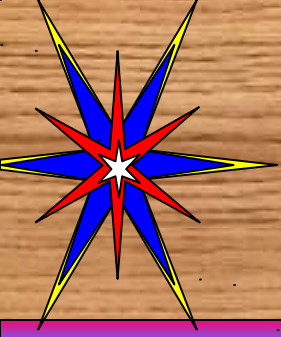


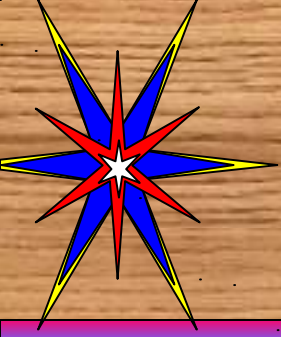
Disinfection Enabling Learning Objectives

- 1. Select from a list acceptable disinfectants.**
- 2. Describe how to clean up a urine spill.**



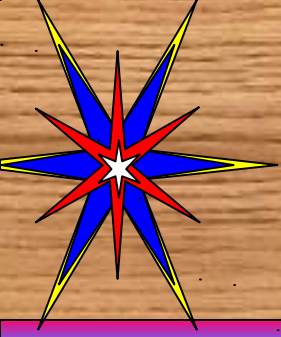
Disinfection

- ▮ Although, normal urine is sterile in a fully healthy person, it is a great environment for bacteria and other pathogens to live and reproduce. Therefore, any item that comes in contact with urine should be disinfected after use, just in case the soldier had an infection or bacteria began to grow in the urine environment.
- ▮ Disinfection is defined as destroying harmful microorganisms or to make free from infection.
- ▮ A disinfectant frees inanimate objects like your work surface and ink pens from infection or germs.



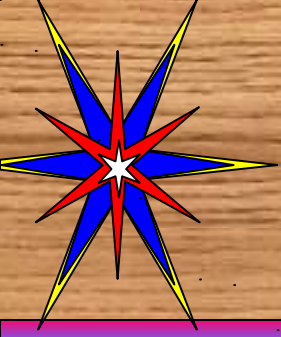
When to Disinfect

- ▮ **At a minimum, disinfect all work areas, surfaces and reusable equipment that are used for processing the specimens daily or after each use.**
- ▮ **Periodically wipe down all work surfaces used on a regular basis.**



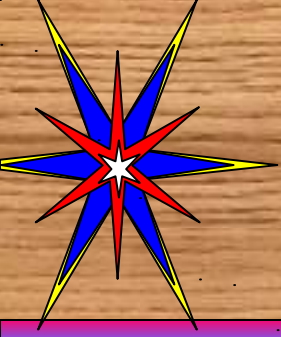
Disinfection Solutions

- ▮ **Disinfection solutions:**
 - ▮ **10% bleach solution freshly made within 8 hours of use.**
 - ▮ **Mix 1 part bleach with 9 parts water (1/2 cup bleach with 4-1/2 cups of water).**
 - ▮ **Spray disinfectant such as LYSOL or similar type - make sure that the product states that it is a disinfectant.**



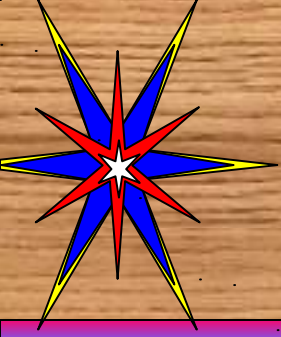
Disinfection Solutions

- ▮ **Disinfection solutions (cont):**
 - ▮ **70% or higher alcohol solution of methanol or ethanol. Do not use isopropyl alcohol. Ensure you let the surface air dry.**
- ▮ **Germicidal Agents - Make sure that what ever product you use that it is a germicide.**



Disinfection - Spill

- ▣ Any urine spill should be treated as potentially hazardous and cleaned up immediately. The correct procedure is:
 - ▣ Put on your gloves - this protects you!
 - ▣ Put enough paper towels over the spill, so that it is totally absorbed - this contains the spill, so it cannot spread any further.



Disinfection - Spill

- ▢ **The correct procedure for a spill (cont):**
 - ▢ **Spray or pour your disinfectant over the paper towels. Ensure all the paper towels are saturated with disinfectant.**
 - ▢ **Allow the disinfectant to work for 10 minutes.**
 - ▢ **Wipe-up area with additional paper towels**
 - ▢ **Clean the area with a regular detergent.**
 - ▢ **Dispose of all paper towels in regular trash.**